$(R = t-butyI, X = NH_2)$ (R = IsobutyI, X = NH<sub>2</sub>)

(R = t-butyI, X = OH)

(R = Trichloroethyl, X = OH)

 $(X = O^tBu)$ 

(X = OH)

(X = OH)

 $(X = O^tBu)$ 

 $(X = NH_2)$ 

(X = NHMe)

 $(X = NMe_2)$ 

 $(X = NH_2)$   $(X = NMe_2)$  (X = NHMe)(X = OH)

 $(X = O^tBu)$ (X = OH)

(X = NH<sub>2</sub>)

 $(X = NMe_2)$ 

(R = t-butyl) (R = Isobutyl)

 $(X = O^tBu)$ 

(X = OH)

 $(X = NH_2)$ 

 $(X = NMe_2)$ 

(X = NMeOMe)

$$(X = Me, Y = CH2Me)$$
  
 $(X = OAc, Y = Me)$ 

Me NH<sub>2</sub>

Me NH<sub>2</sub> Me ON HOOC HOOC HOOC NH2

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H<sub>3</sub>C H<sub>2</sub>C CH<sub>3</sub> CH<sub>3</sub>

o CH³ H<sub>3</sub>C CH<sub>3</sub> H<sub>3</sub>C CH<sub>3</sub> OH

HO ON HOUSE H<sub>3</sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub></sub>C<sub>CH<sub>3</sub><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H³C CH³ CH³ CH³ CH³ CH³

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- 40. A pharmaceutical composition for treating disorders associated with the HCV, said composition comprising therapeutically effective amount of one or more compounds in claim 39 and a pharmaceutically acceptable carrier.
- 5 41. The pharmaceutical composition of claim 40, additionally containing an antiviral agent.
  - 42. The pharmaceutical composition of claim 41, still additionally containing an interferon or PEG-interferon alpha conjugate.
  - 43. The pharmaceutical composition of claim 42, wherein said antiviral agent is ribavirin and said interferon is  $\alpha$ -interferon.
  - 44. A method of treatment of a hepatitis C virus associated disorder, comprising administering an effective amount of one or more compounds of claim 39.
  - 45. A method of modulating the activity of hepatitis C virus (HCV) protease, comprising contacting HCV protease with one or more compounds of claim 39.
  - 46. A method of treating, preventing, or ameliorating one or more symptoms of hepatitis C, comprising administering an effective amount of one or more compounds of claim 39.
- 47. The method of claim 45, wherein the HCV protease is the NS3/NS4a protease.
  - 48. The method of claim 47, wherein the compound or compounds inhibit HCV NS3/NS4a protease.
  - 49. A method of modulating the processing of hepatitis C virus (HCV) polypeptide, comprising contacting a composition containing the HCV polypeptide under conditions in which the polypeptide is processed with one or more compounds of claim 39.